

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing is filed on date 9-5-01 andA required by the Draftsperson under 37 CFR 1.84 or 1.152B required by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a). Acceptable categories of drawings Black ink + Color — Color drawings are not acceptable until petition is granted. Figs. _____	8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Word "view" do not appear on a horizontal, left-to-right fashion — Other paper, either upright or turned so that the top faces the right side, except for graphs. Figs. _____
2. PHOTOGRAPHS. 37 CFR 1.84(b) — 1 full ton set is required. Figs. _____ — Photographs may not be mounted. 37 CFR 1.84(c) — Poor quality (blurred). Figs. _____	9. SCALE. 37 CFR 1.84(k) — Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Figs. _____
3. TYPE OF PAPER. 37 CFR 1.84(c) — Paper not flexible, strong, white, and durable. Figs. _____ — Frayed, Petersons, overwritings, interlineations, fold, crease, line marks not accepted. Figs. _____ — Mylar or vinyl paper is not acceptable (too thin). Figs. _____	10. CHARACTER OF LINES, NUMBERS & LETTERS 37 CFR 1.84(d) — Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Figs. <u>5</u> _____
4. SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes: — 21.0 cm b. 29.7 cm (DIN size A4) — 21.6 cm b. 27.9 cm (8 1/2 x 11 inches) — All drawing sheets of the same size — Sheets. _____ — Drawings sheets not an acceptable size. Figs. _____	11. SHADING. 37 CFR 1.84(m) — Soft, flat, dark areas pale. Figs. _____ — Soft, black shading not permitted. Figs. _____ — Shaded lines, pale, rough and blurred. Figs. _____
5. MARGINS. 37 CFR 1.84(g). Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Figs. <u>2A</u> _____ — Top: _____ Left: _____ — Right: _____ Bottom: _____ — Figs. _____	12. NUMBERS, LETTERS, & REFERENCE CHARACTERS 37 CFR 1.84(p) — Numbers and reference characters not plain and legible. Figs. <u>3A-3D, 5</u> _____ — Fig. legends are poor. Figs. <u>2A-4C, 6, 7</u> _____ — Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Figs. _____ — Line alphabet not used. 37 CFR 1.84(p)(2) Figs. _____ — Number, letters and reference characters must be at least 32.6 (1 1/8 inch) in height. 37 CFR 1.84(p)(3) Figs. _____
6. VIEWS. 37 CFR 1.84(m) REMINDER: Specification may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(m)(2) — Brackets needed to show figure is one entity. Figs. _____ — View not labeled separately or properly. Figs. _____ — Enlarged view not labeled separately or properly. Figs. _____	13. LEAD LINES. 37 CFR 1.84(p) — Lead lines cross each other. Figs. _____ — Lead lines are rising. Figs. _____
7. SECTIONAL VIEWS. 37 CFR 1.84(m)(3) Hatching not indicated for sectioned portions of an object. Figs. _____ — Sectional designation should be made with Arabic or Roman numbers. Figs. _____	14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(e) — Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheets. _____
8. NUMBERING OF VIEWS. 37 CFR 1.84(m)(4) — View not numbered consecutively, and in Arabic numerals, beginning with number 1. Figs. _____	
9. CORRECTIONS. 37 CFR 1.84(w) — Corrections not made from prior PTO-948. — Faded. Figs. _____	
10. DESIGN DRAWINGS. 37 CFR 1.752 — Surface shading shown not appropriate. Figs. _____ — Faded black shading not used for color contrast. Figs. _____	
COMMENTS	

REVIEWER CHH DATE 4-29-02 TELEPHONE NO. 703-305-9820

Attachment for PTO-948 (Rev. 03/01, or earlier)
6/18/01

The below text replaces the pre-printed text under the heading, "Information on How to Effect Drawing Changes," on the back of the PTO-948 (Rev. 03/01, or earlier) form.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities -- 37 CFR 1.85

New corrected drawings must be filed with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. If corrected drawings are required in a Notice of Allowability (PTO-37), the new drawings **MUST** be filed within the **THREE MONTH** shortened statutory period set for reply in the Notice of Allowability. Extensions of time may NOT be obtained under the provisions of 37 CFR 1.136(a) or (b) for filing the corrected drawings after the mailing of a Notice of Allowability. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

2. Corrections other than Informalities Noted by Draftsperson on form PTO-948.

All changes to the drawings, other than informalities noted by the Draftsperson, **MUST** be made in the same manner as above except that, normally, a highlighted (preferably red ink) sketch of the changes to be incorporated into the new drawings **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

Timing of Corrections

Applicant is required to submit the drawing corrections within the time period set in the attached Office communication. See 37 CFR 1.85(a).

Failure to take corrective action within the set period will result in **ABANDONMENT** of the application.